

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently Amended) A light source device for display having an image display means, wherein the image display means forms an image using transmitted light, the light source device comprising:

a an LED array having a plurality of white LEDs or RGB LEDs arranged in an array, the white LEDs or RGB LEDs being arranged so as to synchronize with an image signal to have a turn-on and turn-off controlled at high speed,
wherein the image signal is used to form an image on the image display means.

Claim 2 (Currently Amended) A light source device for display according to claim 1, wherein a convex lens or a Fresnel lens is arranged between the light source device according to the claim 1 and a liquid crystal display; and the LEDs are arranged in a linear configuration, an arc configuration, a cross configuration, a radial configuration, a circular or polygonal configuration made up of a plurality of similar shapes, or in a spiral configuration.

Claim 3 (Previously Presented) A light source device for display according to claim 1, wherein the LEDs are turned on and scanned at high speed in vertical and horizontal directions.

Claim 4 (Currently Amended) A light source device for display according to claim 2, wherein the display has device includes a position identifying means which measures a position of an observer relative to the display and outputs a corresponding position signal, and a means for controlling LED turn-on performs a turn-on control on the white LEDs or RGB LEDs based on the position information so as to keep an image viewable by the observer.

Claim 5 (canceled)

Claim 6 (Currently Amended) A light source device for display according to claim 2, wherein the display has device includes a position identifying means which counts the a number of observers, measures positions of the observers relative to the display and outputs corresponding position signals, and the a means for controlling LED turn-on which performs a turn-on control on the white LEDs or RGB LEDs based on the position information so as to keep images viewable by the observers.

Claim 7 (Previously Presented) A light source device for display according to claim 1, wherein the display is used on displays of television sets, game machines, personal computers, cell phones or mobile terminals.